

FIG. 1

RIJAVEC BLD920010024US3 2/8

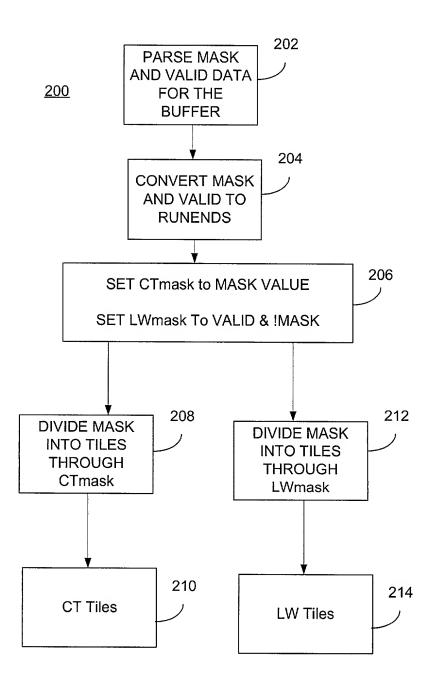
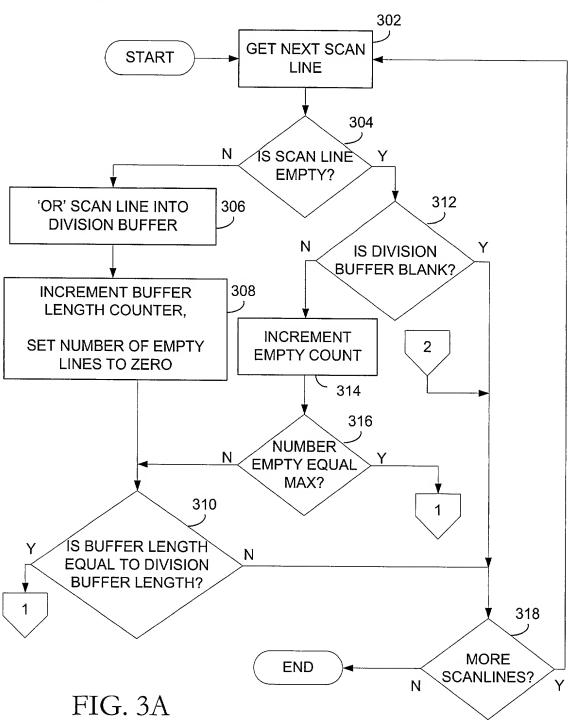
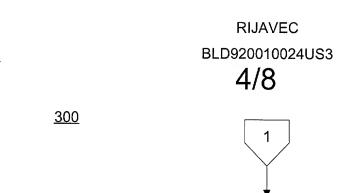


FIG. 2

RIJAVEC BLD920010024US3 **3/8**







SET BUFFER LENGTH EQUAL TO NUMBER OF EMPTY LINES, DIVIDE AGGREGATE SCANLINE INTO BLACK RUNS, MERGE RUNS INTO TILES UP TO OR LESS THAN MAXIMUM TILES PER LINE

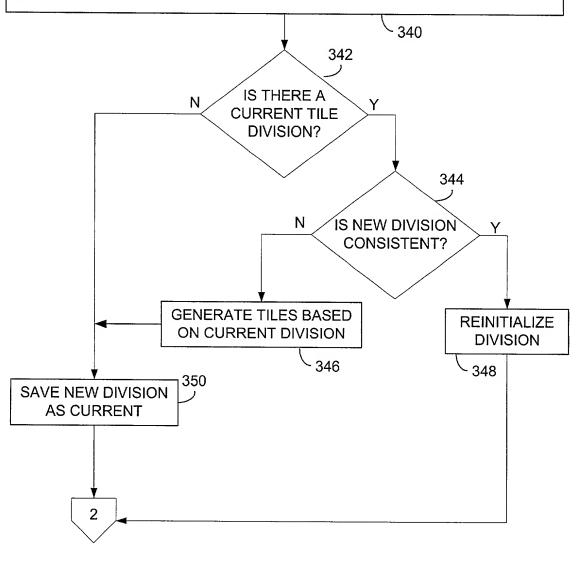
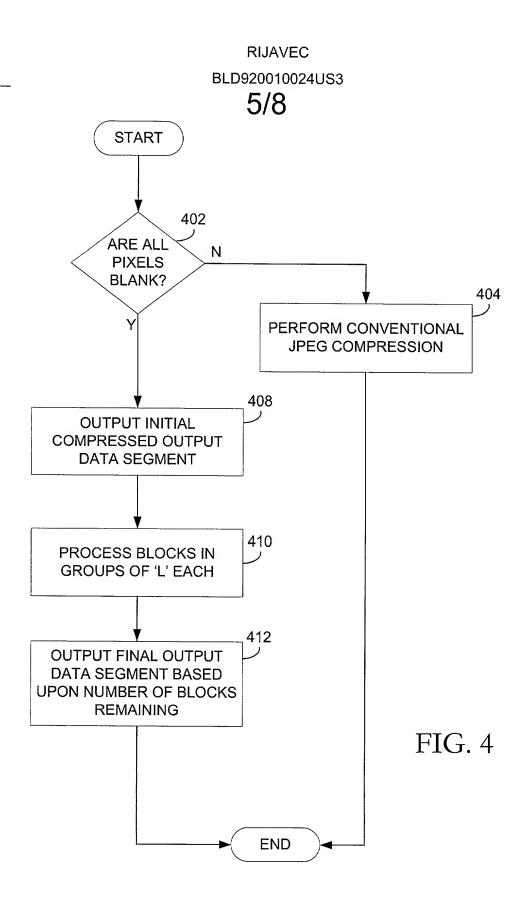
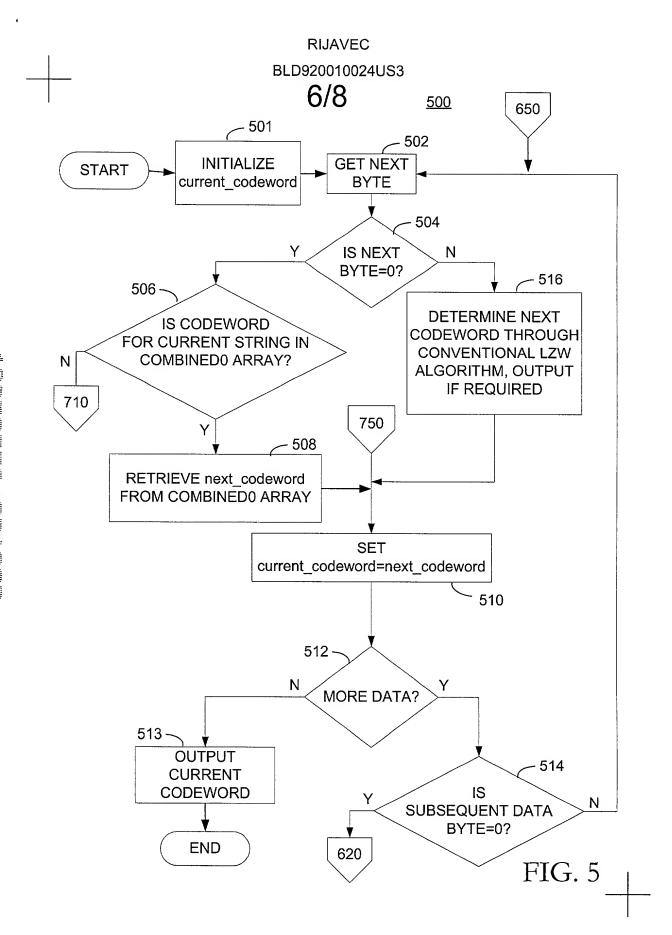


FIG. 3B





BLD920010024US3 7/8 FIG. 6 600 620 602 -**DETERMINE CONTIGUOUS NUMBER** OF BYTES EQUAL TO ZERO 612 -604 ~ **DETERMINE NEXT** SET nZerosToEncode EQUAL TO LARGEST ENTRY WITHIN NUMBER OF CONTIGUOUS BYTES **COMBINED1 ARRAY EQUAL TO ZERO** 614 ~ RETRIEVE NEXT LARGEST **ENTRY WITHIN COMBINED1 ARRAY** 608 DOES COMBINED1 ARRAY CONTAIN ENTRY **√** 616 -FOR nZerosToEncode? DETERMINE COMPRESSION **CODEWORDS USING CONVENTIONAL ALGORITHM** AND COMBINEDO ARRAY Υ 618 ~ **UPDATE COMBINED1 ARRAY** WITH CODE REPRESENTING 610 ~ nZerosToEncode ZEROS RETRIEVE ENTRY FOR nZerosToEncode FROM COMBINED1 ARRAY AND STORE ► IN VARIABLE current codeword 650

RIJAVEC

RIJAVEC BLD920010024US3 **8/8**

700

702

DETERMINE NEXT
OUTPUT CODEWORD
THROUGH
CONVENTIONAL LZW
ALGORITHM

704

STORE NEXT CODEWORD INTO
COMBINEDO ARRAY ELEMENT
FOR CURRENT CODEWORD

FIG. 7